

### Abstract Of The Disclosure

5 An apparatus and a method for transmitting measurement data between an object-detection device and an evaluation device are provided, the evaluation device sending to the object-detection device one or more data packets with the object identifiers relevant for the evaluation device, the object-detection device inserting the current measurement data of the detected objects into a fixed, predetermined number of data packets, the objects, which the evaluation device with the aid of the object identifiers marked as relevant, being entered preferentially, and the apparatus outputting the data packet to a data bus via the connector element to the data bus.